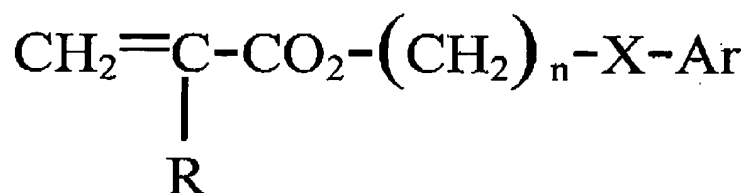


Application No. 10/588,757
Art Unit 1713

Applicants: Chang *et al*
Examiner: Tatyana Zalukaeva

Figure 1: General Chemical Structure of the Aryl Acrylic Monomers of this Invention.



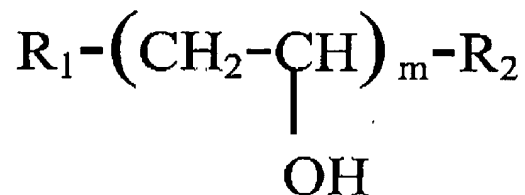
R: can be H or CH₃;

n is 0 to 7;

X is nothing, O, S, or NR where in R is H, CH₂CH₃, CH₂C₆H₅;

Ar: is aromatic ring which can be unsubstituted or substituted with F, Cl, Br, I, OCH₃, OCH₂CH₃ or alkyl groups such as CH₃, CH₂CH₃, propyl, i-propyl or butyl groups.

Figure 2: General Chemical Structure of the Surface processed Biocompatible Hydrophilic Polymer of this Invention.



R₁ & R₂: are functional groups include but not limited to NR, F, Cl, Br, I, OCH₃, H, CH₃, CH₂CH₃.

M is 10 to 1000;